

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6683639
<b>Application Number:</b>	09713524
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3620
<b>Title of Invention:</b>	NOISE SUPPRESSOR
<b>First Named Inventor/Applicant Name:</b>	Ayad Beghdad
<b>Customer Number:</b>	02512
<b>Filer:</b>	GEZA C ZIEGLER JR/Maureen Silveira
<b>Filer Authorized By:</b>	GEZA C ZIEGLER JR
<b>Attorney Docket Number:</b>	
<b>Receipt Date:</b>	21-DEC-2009
<b>Filing Date:</b>	15-NOV-2000
<b>Time Stamp:</b>	20:14:50
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	5852
Deposit Account	161350
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	Robust_estimation_of_speech_in_noisy.pdf	1682864 350612da44d2a1dd0182c7491e5e3e1a35 d46a1	no	38

## Warnings:

## Information:

2	NPL Documents	The_recursive_adaptive_LMS_filter.pdf	470685 9e94ab3ec974635e1f99987b2b5691ec0f98 68b0	no	9
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## Warnings:

## Information:

3	NPL Documents	Noise_reduction_based_on_spectral_change.pdf	409877 fc4993e719f67972826c499a99166dcf7d3f bba9	no	4
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## Warnings:

## Information:

4	NPL Documents	Speech_enhancement_based_on_audible_noise.pdf	1324506 bf2f61d88fa4800db39371772a19e4a35868 2b75	no	18
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## Warnings:

## Information:

5	NPL Documents	A_new_approach_to_noise_reduction.pdf	402570 2f435a413e2316da657d53c813efb490ed1 300f0	no	5
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## Warnings:

## Information:

6	NPL Documents	A_novel psychoacoustically motivated.pdf	329315 bd9d30575d41a08a6f73f235288a15ea9fa 6438	no	4
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## Warnings:

## Information:

7	NPL Documents	A_postfilter_for_echo_and_noise_reduction.pdf	331428 40daa8b8d85c5c52f49ccbdd3e7d4be8b88 ec86e	no	4
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## Warnings:

## Information:

8	NPL Documents	Enhancement_of_audio_signals_by_combined.pdf	6124941 182efa86403f1d558210eac77b8d054b895 d50f0	no	79
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## Warnings:

<b>Information:</b>							
9	NPL Documents	EP0918317_wEngAbstract_.pdf	3856645 20fdb07a5f5b1c5e435cc7dac03f74c62b2d36c	no	21		
<b>Warnings:</b>							
<b>Information:</b>							
10		OAResponseRR091221_009966_.pdf	71334 41ea4844f70b5e68425d470c9c55c5e2dff69fe8	yes	11		
	<b>Multipart Description/PDF files in .zip description</b>						
	<b>Document Description</b>			<b>Start</b>	<b>End</b>		
	Amendment/Req. Reconsideration-After Non-Final Reject			1	1		
	Claims			2	10		
Applicant Arguments/Remarks Made in an Amendment			11	11			
<b>Warnings:</b>							
<b>Information:</b>							
11	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	619682 ee8a09096ea15c97c1e4cc8b0d7c22c36899a7	no	4		
<b>Warnings:</b>							
<b>Information:</b>							
12	Fee Worksheet (PTO-875)	fee-info.pdf	30306 78904daea3f388c46a96f2c5dd3cf06b6006685	no	2		
<b>Warnings:</b>							
<b>Information:</b>							
<b>Total Files Size (in bytes):</b>				15654153			

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.